

Claims

What is claimed is:

1. An electric apparatus in conjunction with blade cutting edges, such as shaving razors, said device comprising;

a housing with an integrated electrical resistance heating element

a cradle in said housing with a configuration to hold a cutting blade or razor in proximity to said heating elements by means of magnetic or gravitational force.

a configuration that allows for heating of the blade by means of combination of conduction, convection and radiation or by induction.

2. A method for inhibiting corrosion of a cutting blade by placing said blade in close proximity a heat source to raise the temperature of the blade and eliminate contact water through evaporation and thereby inhibiting the formation of iron oxide and hydrated iron oxide, rust, and further inhibit corrosion during storage of blade by inhibiting condensation of water onto the blade by continuously heating and maintaining the proximate water vapor above its saturation temperature.

3. The method of claim 2, wherein the addition of a desiccant, such as calcium oxide or silica gel is used to enhance the reduction of water vapor in proximity of the cutting blades.

4. The method of claim 2, wherein the blade is rinsed in DI water prior to being place in the heating apparatus in order to inhibit build-up of salts deposits and possible subsequent salt corrosion due to use of hard tap water.